



J. Williams 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application

Applicant(s): Joseph Williams  
Case: 2  
Serial No.: 10/023,127  
Filing Date: December 17, 2001  
Group: 2662  
Examiner: Brian S. Roberts  
  
Title: Mesh Architecture for  
Synchronous Cross-Connects

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Signature: *David L. Vulpis* Date: December 19, 2005

TRANSMITTAL LETTER

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the following document relating to the above-identified patent application:

(1) Response to Office Action.

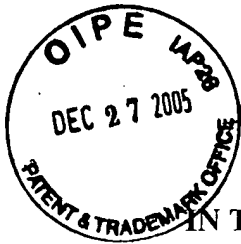
There is no additional fee due in conjunction with the response. In the event of any non-payment or improper payment of a required fee, the Commissioner is hereby authorized to charge or to credit **Ryan, Mason & Lewis, LLP Deposit Account No. 50-0762** as required to correct the error.

Respectfully submitted,

*Wayne L. Ellenbogen*

Date: December 19, 2005

Wayne L. Ellenbogen  
Attorney for Applicant(s)  
Reg. No. 43,602  
Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, NY 11560  
(516) 759-7662



TFW 2662

J. Williams 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Patent Application**

Applicant(s): Joseph Williams  
Case: 2  
Serial No.: 10/023,127  
Filing Date: December 17, 2001  
Group: 2662  
Examiner: Brian S. Roberts

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria VA 22313-1450.

Signature: *Luis L. Vulpis* Date: December 19, 2005

Title: Mesh Architecture for  
Synchronous Cross-Connects

---

RESPONSE TO OFFICE ACTION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the outstanding non-final Office Action dated September 21, 2005, Applicant submits herewith the following remarks: